

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CRANE, Stephen

Art Unit: 1771

Application No.: 09/315,390

Examiner: L. Rouche

Filed: May 20, 1999

For: THERMOPLASTIC MULTI-LAYER COMPOSITE STRUCTURE

October 25, 2001

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

RECEIVED

OCT 30 2001

Dear Sir:

TC 1700

In response to the Office Action dated April 25, 2001, please enter this Amendment, and grant the concurrently filed Petition for Extension of Time. Please also note the Change of Address filed concurrently.

IN THE SPECIFICATION:

Page 17, delete the paragraph from lines 3-14 and replace it with the following:

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Preferably, in all embodiments, the densities of top skin 122 and back skin 152 are relatively higher than the density of foam core 230. As to foam core 130, the densities of top skin 122 and back skin 152 are relatively higher than the densities of outer layers 132 and 136 of foam core 130, which in turn are relatively higher than middle layer 140 of foam core 130. Providing higher density outer skins and a low density core 30, 130 or 230, helps to reduce costs, while providing desired mechanical properties, such as a high shear gradient between the center and outside of the material. Top skin 122 and back skin 152 are constructed similar to top skin 22 and back skin 36 discussed for the first embodiment of the present invention.

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